



“Eye on AMC”

U.S. Army Materiel Command

The Army's Premier Provider of Materiel Readiness

May 5, 2006

Tobyhanna arming Soldiers with medical computers

Tobyhanna Army Depot, Pa., is equipping Soldiers with computers that give new meaning to first aid. The Medical Communications for Combat Casualty Care system is being fielded to medics, field hospitals and other deployed medical units. The system will assist medical personnel in the field to diagnose and treat injuries ranging from snake bites to gunshot wounds, and share patient medical records from the battlefield with medical professionals in the United States.

NSC, UMASS-Lowell researchers discover possible anti-cancer treatment

While working together to find novel ways to replace certain disposable battery components, researchers at the U.S. Army Natick Soldier Center, Mass., and the University of Massachusetts-Lowell made an unexpected discovery: a potential anti-cancer treatment.

During their research, NSC and UMASS-Lowell scientists created a compound that appears to be very successful in inhibiting the growth of cancerous cells in tissue culture experiments, without affecting the growth of normal cells.

The effectiveness that is being shown is "incredible" according to Dr. Ferdinando Bruno, research chemist, NSC. "Over the next year, we plan to begin testing in mice for the drug's effectiveness against transplanted human tumors," Bruno said.

Camp Arifjan resets Avengers

Eight Avenger combat vehicles, designed as anti-aircraft vehicles with add-on armor and a rocket launching turret, were recently delivered to the Army Field Support Brigade's Forward Repair Activity, Camp Arifjan, for complete overhaul after completion of a successful tour with the 3rd Army Cavalry Regiment in Iraq.

Reset operations included upgrading the engines to 6.5 Detune and replacing the transmissions, transfer cases, and differentials with rebuilt units. In addition, new air conditioned units and up-armor kits will be installed, and a complete rebuild will be performed on the turret.

Spotlight on Lean Six Sigma...“AFSBn-Q goes LEAN”

Army Field Support Battalion-Qatar applied lessons learned from its recent Lean Six Sigma training to develop a Lean HMMWV refurbishing process.

Procedures were changed to create four distinct maintenance bays, with 15 personnel per bay -- all focused on the repair of one vehicle every 24 hours. The team is divided up so that each mechanic has specific tasks to perform on the vehicle and performs the same tasks daily. All required parts and tools are on hand in the immediate vicinity. The streamlined process has already increased production by as much as 33 percent.

Did you know...“May is National Military Appreciation Month”

National Military Appreciation Month, as designated by Congress, honors, remembers, recognizes and appreciates all military personnel: those men and women who have served throughout our history, all who now serve in uniform and their families, as well as those Americans who have given their lives in defense of our freedoms.

National Military Appreciation Month encompasses Loyalty Day, May 1, Victory in Europe Day, May 8, Military Spouse Day, May 12, Armed Forces Day, May 20, and Memorial Day, May 29. For more information, visit <http://www.nmam.org>

To submit your news for the weekly “Eye on AMC,” e-mail AMCNewsService@HQAMC-EXCHG.ARMY.MIL